



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/498,893	02/07/2000	Steven A. Gronemeyer	ST97001CI1(209-US-CI1)	9438
34408	7590	10/06/2008	EXAMINER	
THE ECLIPSE GROUP LLP 10605 BALBOA BLVD., SUITE 300 GRANADA HILLS, CA 91344			ODOM, CURTIS B	
		ART UNIT	PAPER NUMBER	
		2611		
		MAIL DATE		DELIVERY MODE
		10/06/2008		PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

***Response to Arguments***

1. Applicant's arguments filed 9/9/2008 have been fully considered but they are not persuasive. The Applicant states (see page 14 of the Remarks) **“Using the recitation above and examining figure 4 of the Krasner patent, it is shown that the micro-controller 428 receives information from the Reg. Bank 418 and the "compare to Threshold" box 426 as inputs. It has access to that data to when generating the Load GPS PN Coefficients, Doppler Sample Time Correction, and Doppler/LO Correction. The complex mixer and the signal sampler are not independently corrected for frequency shift and Doppler shift. Both corrections occur prior to the Micro-controller receiving any data (See FIG. 4 of the Krasner patent). Thus, the Krasner patent when combined with the Medelovicz patent and with the Warren et al. patent, fail to teach or describe all of Applicants' claim limitations.”**

However, it is still the understanding of the Examiner that Krasner (U. S. Patent No. 6, 286, 041) discloses independent correction for frequency shift and Doppler shift. In addition to the previous arguments in Final Rejection 7/9/2008, Krasner also shows (see Fig. 4) an independent control signal (Doppler/LO Correction) supplied to the digital frequency translator for correction of the complex mixer and an independent control signal (Doppler Sample Time Correction) supplied to the sampler for correction. Therefore, Krasner discloses independent frequency shift and Doppler shift correction for the complex mixer and signal sampler.

***Conclusion***

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CURTIS B. ODOM whose telephone number is (571)272-3046.

The examiner can normally be reached on Monday- Friday, 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shuwang Liu can be reached on 571-272-3036. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Curtis B. Odom/  
Primary Examiner, Art Unit 2611  
September 30, 2008